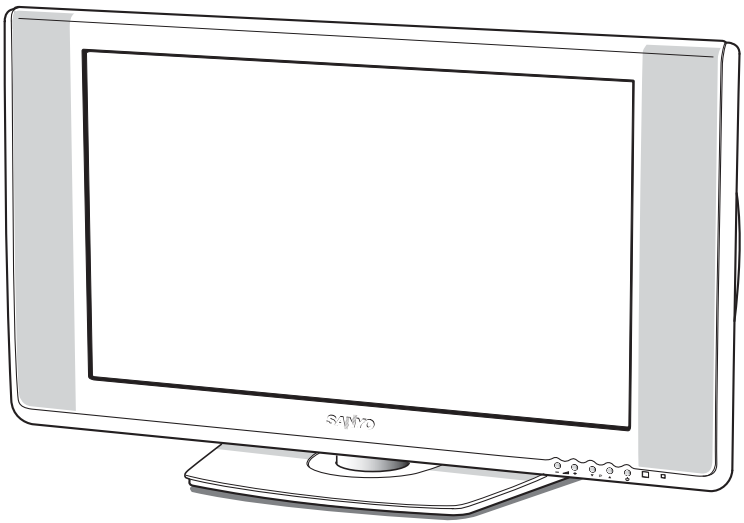
SANYO

INSTRUCTION MANUAL

LCD-27XA2
LCD-32XA2

LCD Colour Television



Please read this Instruction Manual before using your television.
We wish you many hours of pleasure from your new television.

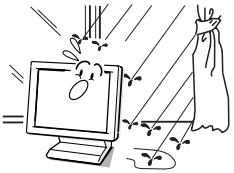
Warnings and Cautions

Warning

High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.

Do not drop or push objects into the television cabinet slots or openings.
Never spill any kind of liquid on the television receiver.

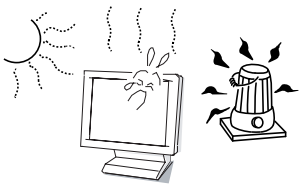
To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



If the LCD panel is broken and leaks liquid crystal, do not touch it. Moreover, never swallow or suck the liquid, or touch the liquid with your skin. In case the liquid drops in your mouth or eyes, clear it by water adequately at once and go to see a doctor. If not, there is a possibility causing poisoning. If the liquid drops on skin or clothes, also clear it by water adequately at once, if not, the skin or clothes will be damaged.

Caution

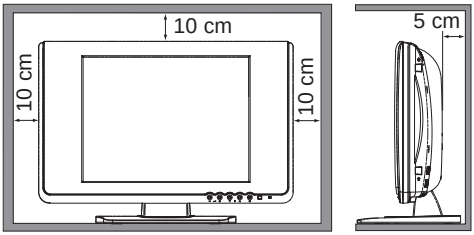
Avoid exposing the television receiver to direct sunlight and other source of the heat.



Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.

If the television is to be built into a compartment or similarly enclosed, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

Minimum Distances



Care for Using TV Monitor

Screen likely damaged by external shock. When using the TV monitor, following precautions should be taken.

Do not press or hit the screen face.
Do not write, paint or affix anything on the screen.
Do not put anything on the TV monitor.

Do not press

Do not hit

Cleaning the TV Monitor

Be sure to disconnect the AC Power Cord from AC outlet before cleaning the TV monitor.

Gently wipe the screen and cabinet with dry soft cloth. Screen is likely damaged if it is not maintained properly. Do not use hard cloth or paper. Do not use solvents or abrasive.

Caution

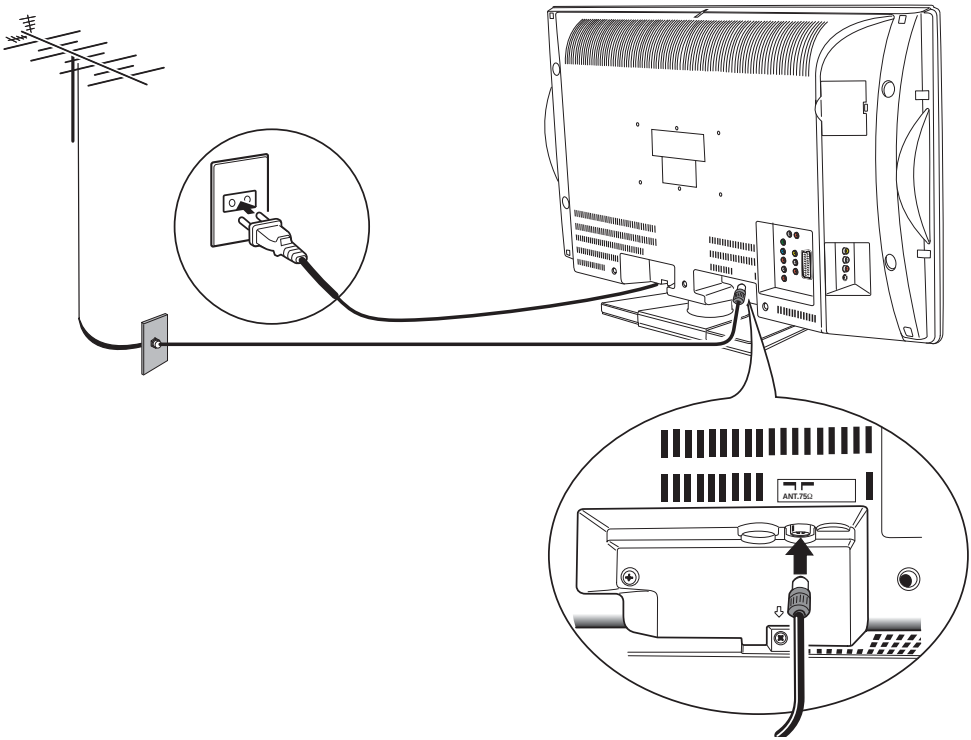
Do not use benzene, thinner or any volatile substances to clean the TV monitor. These chemicals may damaged the cabinet finish.

Installation

Step 1 : Connecting the Aerial and Power Supply

- Connect your aerial cable plug to the rear of the TV set.
  For further information please consult your local dealer.

- Connect the AC power plug to the wall socket (AC100-264 Volts, 50Hz/60Hz).
  Note: The form of the AC code and AC plug are different with each country.

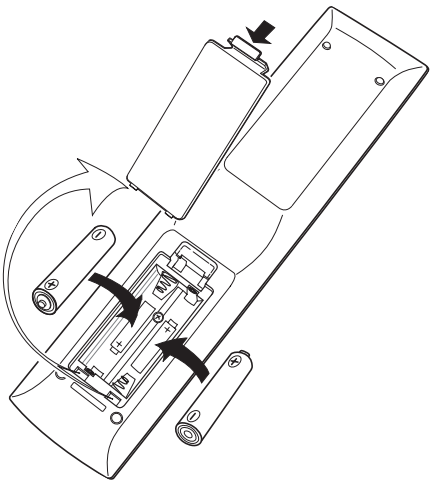


Step 2 : Battery Installation of the Remote Control Transmitter

Use 2 “AAA” 1.5 volt batteries.

Be sure batteries are installed correctly.

Note: Do not mix old batteries with new ones or mix different type of batteries together.



Step 3 : Switching on/Plug & Play

Let’s start !

This TV set provides a self-automatic tuning system function called “**Plug & Play**”.
It automatically begins searching and storing of all available channels when switching-on the TV set for the first time.

1 Press the **Power ON/OFF** button to turn the TV on, and the TV set will search and store of all available TV channels automatically.

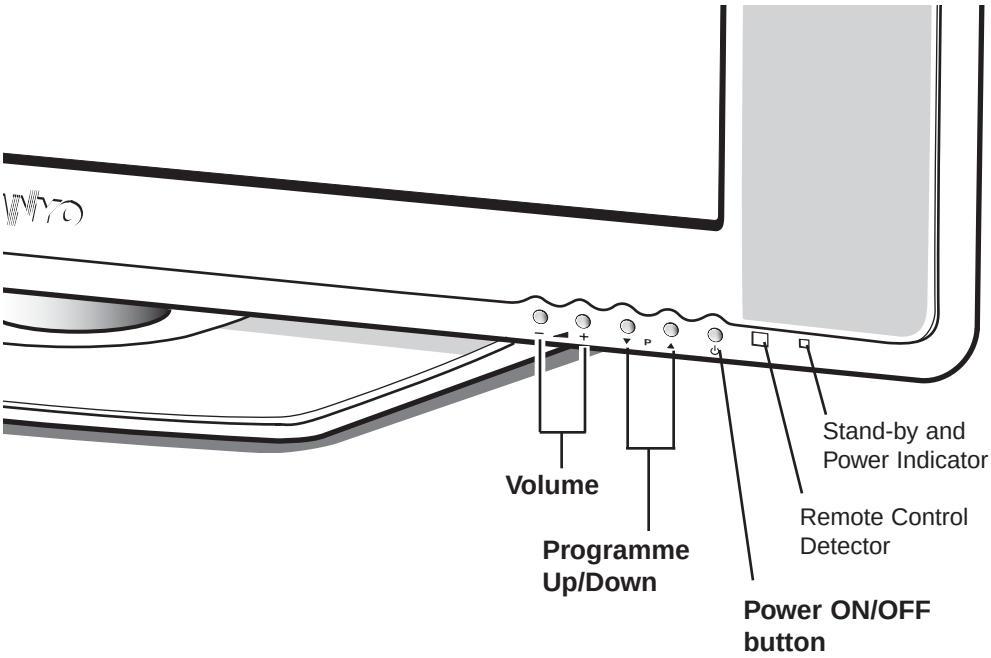
2 After completing Plug & Play, press the **MENU** button to return to the normal TV mode.

✎ This procedure only appears at the first switch-on time.

Now the installation is completed !

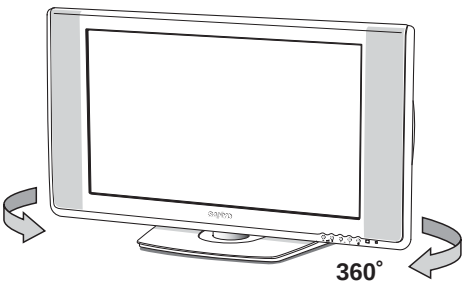
Control Panel

Each button listed this section has the same function as it's corresponding button on the Remote Control



Viewing Angle Adjustment

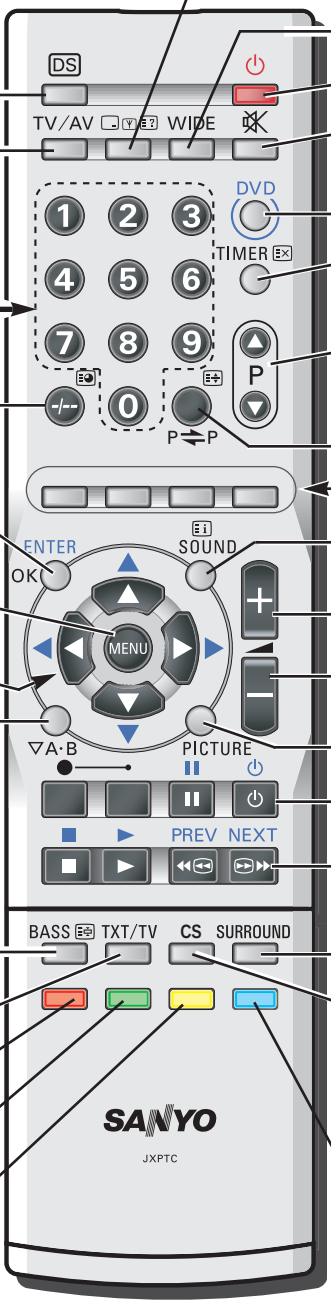
Swivel stand is rotated 360˚ right and left.



⚠ Caution

Do not position hand under the screen frame while rotating the TV.

Remote Control Transmitter



Recall/Colour System

Wide

Digital Shot

Power ON/OFF

TV/AV Selector

Press repeatedly to switch to TV, AV1, AV2, AV3, AV4 or AV5 mode.

Sound Mute

To select half mute, full mute or restore the sound.

DVD button

TIMER

To call up the Timer menu directly.

Numeric buttons

Programme Up/Down

To select the next or previous programme position.

Digit

Alternate

These buttons are not used.

OK button

Sound Mode

MENU

Volume +/–

To increase or decrease the sound volume level.

Cursors ▲▼◀▶

Stereo/Mono

Picture Mode

VCR and DVD button

BASS

SURROUND

TEXT/TV

CS button

To call up the List screen of the Digital Shot.

Red

Green

Yellow

Blue

Power ON/OFF(Stand by)

Press the **Power ON/OFF** button to turn on or off (Stand-by) the TV set.

Lighting of the Stand-by and Power Indicator shows that there is a power supply. For shutting off a power supply completely, disconnect the power cord from the power outlet.

You can turn on the TV in the standby mode by pressing the following buttons in addition to the **Power ON/OFF** button.

- **Programme Up/Down** button of the remote control transmitter or the TV set.
- **1** to **9**, **0** button on the remote control transmitter.

Auto Shut Off Function

If the TV is left on after you have gone to sleep, the TV set changes to the standby mode within 10 minutes after all broadcasts have ended.

Direct Programme Selection

Example:

- Press **6** button to select programme position 6.

- To select programme position 27, press the **Digit** button, press **0**, **2** then **7** button.

or

Press the **Digit** button, press **2**, **7** button and wait for 5 seconds.

- To select programme position 215, press the **DIGIT** button, press **2**, **1** then **5** button.

Alternate

Press the **Alternate** button, and the programme position will alternately select the previous position and the present position.

Picture Mode Selection

Press the **Picture Mode** button repeatedly to select the following picture modes;

Personal : Your personal preference mode.
Standard: Normal viewing mode.
Dynamic: Suitable for brightly lit room.

Sound Mode Selection

Press the **Sound Mode** button repeatedly to select the following sound modes;

Personal: Your personal preference mode.
Music: Suitable for music programme.
Talk: Suitable for news programme.
Normal: Normal listening mode.

Bass Expander On/Off

Press the **BASS** button to get an emphasised bass sound.

Active 3D Surround

Press the **SURROUND** button to switch 3D Surround on (Active) and off.

A2 Stereo, NICAM Stereo and Bilingual Broadcast Receiving

■ A2 Stereo and NICAM Stereo sound reception

When receiving NICAM stereo broadcast, **NICAM** will be displayed on the screen. For A2 (German) stereo broadcasts, **Stereo** will be displayed. When a clear stereo sound can not be obtained during NICAM or A2 (German) stereo broadcast due to poor signal reception, press the **Stereo/Mono** button to select mono mode.

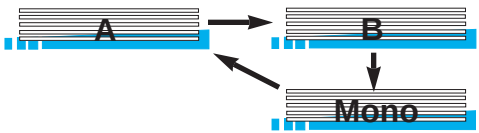
NICAM Stereo

A2 Stereo

■ Bilingual reception

If the TV receives bilingual programs, the TV initially selects language A and displays “A” on the screen briefly. If you want to switch to language B or Mono (only available in NICAM reception), press the **Stereo/Mono** button.

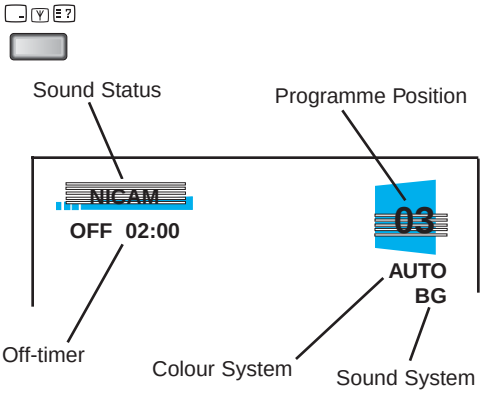
NICAM Bilingual



A2 Bilingual

Programme Information Call

To display the on screen indication, press the **Recall/Colour System** button.



Colour System Selection

If the clear picture cannot be obtained, press the **Recall/Colour System** button repeatedly until optimum image can be produced.

A colour system entry to the memory can not be made during TV mode, make it during Semi-auto tuning mode.

Screen Mode Selection

Today there are various transmission formats with different size ratios, e.g. 4:3, 14:9, 16:9 and video format such as letterbox. 4:3 picture sometimes have a black band at the top and bottom of the screen. You can select a screen mode to optimise the picture display.

WIDE

Press the Wide button to select the following screen modes;

Auto / **Natural** / **Zoom 14:9** / **Title-in 14:9** / **Zoom 16:9** / **Title-in 16:9** / **Full** / **Normal**

Auto

It automatically switches to the optimum screen mode according to the **WSS** signal provided in the receiving signal source. If the signal does not have it, the TV keeps current screen mode. This setting may cause the picture to change when a different format is received e.g. when an advert is received.

WSS (Wide-Screen-Signalling)

This function is to be automatically set to the optimum screen mode for the wide screen television according to the aspect ratio bits of the picture format (16:9, 14:9, 4:3, etc.) on the receiving signal source. To use this function, the picture mode should be selected to the “Auto” mode. This function is also effective in the AV mode. When you connect AV equipment which has the **WSS** function, the screen mode is automatically selected to the optimum screen mode.

Natural

4:3	14:9	16:9	Letterbox Video
Stretches the picture horizontally to fill the screen, the picture is more stretched at the edges.	The height is expanded to fill the whole screen.	The picture fills the screen and is proportionally correct.	The black bars top and bottom remain and the height is compressed to fit into the picture area.

Zoom 14:9

4:3	14:9	16:9	Letterbox Video
The correct picture width is maintained but the top and bottom are cropped.	Zooms in slightly cropping the top and bottom.	Zooms in slightly cropping the top and bottom.	The black bars top and bottom are smaller and the picture height is compressed slightly.

Title-in 14:9

4:3	14:9	16:9	Letterbox Video
As zoom (14:9), but bottom is compressed even more to allow subtitles to be seen.	As zoom (14:9), but bottom is compressed even more to allow subtitles to be seen.	As zoom (14:9), but bottom is compressed even more to allow subtitles to be seen.	As zoom (14:9), but bottom is compressed even more to allow subtitles to be seen.

Zoom 16:9

4:3	14:9	16:9	Letterbox Video
The correct picture width is maintained but the top and bottom are cropped.	Zooms in slightly cropping the top and bottom.	Zooms in slightly cropping the top and bottom.	The black bars top and bottom are smaller and the picture height is compressed slightly.

Title-in 16:9

4:3	14:9	16:9	Letterbox Video
As Zoom (16:9), but bottom is compressed even more to allow subtitles to be seen.	As Zoom (16:9), but bottom is compressed even more to allow subtitles to be seen.	As Zoom (16:9), but bottom is compressed even more to allow subtitles to be seen.	As Zoom (16:9), but bottom is compressed even more to allow subtitles to be seen.

Full

4:3	14:9	16:9	Letterbox Video
The whole screen is filled stretching the width.	The whole screen is filled stretching the height slightly at the edges.	The whole screen is filled with the correct picture ratio.	The black bars top and bottom are bot-tom are present and the height is compressed.

Normal

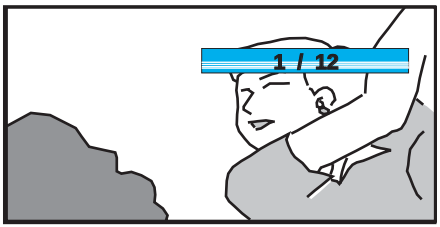
4:3	14:9	16:9	Letterbox Video
The correct ratio is maintained with black bars on the left and right.	Black bars left and right, picture height is stretched.	Black bars left and right, picture height is stretched.	Black bars left, right, top and bottom.

Digital Shot

Use **Digital Shot** function to capture and save the up to 12 pictures and replay them in a list mode, full screen mode and automatic album mode.

How to capture the pictures

1 Press the **Digital Shot** button to capture a scene that you want to store.
(The screen is not frozen at this time.)

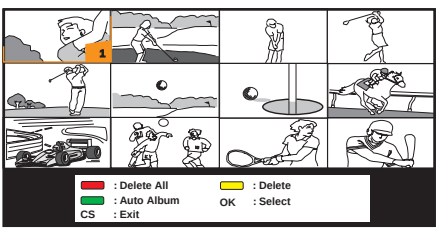


Up to 12 frozen pictures can be stored.

"Memory Full" will be displayed for a few seconds when 12 pictures are stored.

To replay only the selected picture

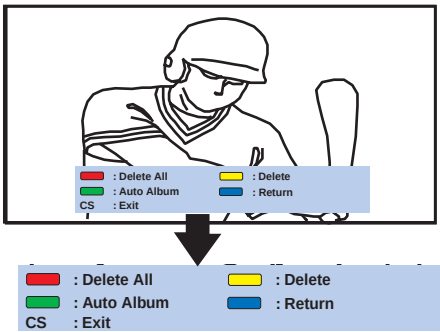
1 Press the **CS** button to display the screen of List mode.



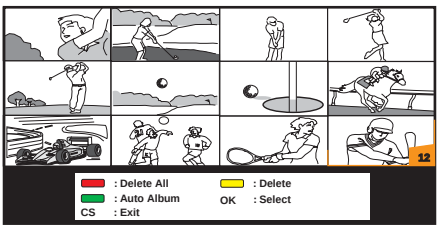
2 Select a picture that you want to display with the cursor ▲ / ▼ or ◀ / ▶ button.

3 Press the **OK** button to display.

To display guide menu:
Press the **OK** button. To erase guide menu, press the **OK** button again.



To return to the List mode:
Press the **Blue** button.

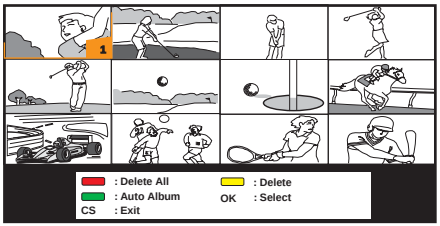


4 To return to the normal TV mode, press the **CS** button.

Auto Album

Use this function to display each picture continuously.

1 Press the **CS** button to display the screen of List mode.



2 Press the **Green** button, and each picture is displayed continuously every three seconds.

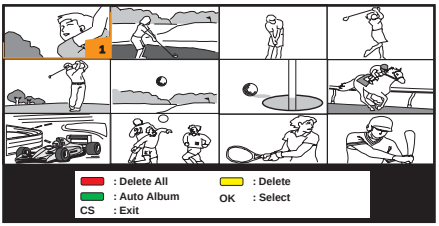
To stop Auto Album on the way:
Press the **Green** button.
(To start Auto Album again, press the **Green** button again .)
or
Press the **OK** button.
(To display guide menu, press the **OK** button again.)

To return to the List mode:
Press the **Blue** button.

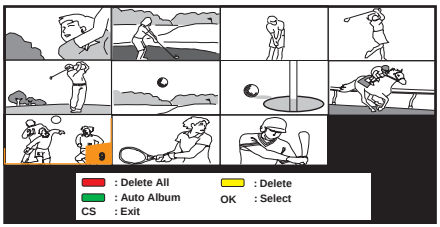
To return to the normal TV mode:
Press the **CS** button.
(When the **TV/AV Selector** is pressed, TV return to the AV mode.)

Deletion of pictures

1 Press the **CS** button to display the screen of List mode.



2 Select a picture that you want to delete with the cursor ▲ / ▼ or ◀ / ▶ button. Then press the **Yellow** button.

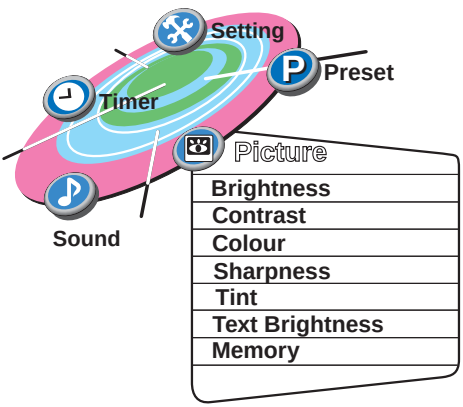


To delete all pictures at a time:
1) Press the **Red** button in the List mode.

2) Press the **Red** button again.
(To cancel deletion, press the **Blue** button.)

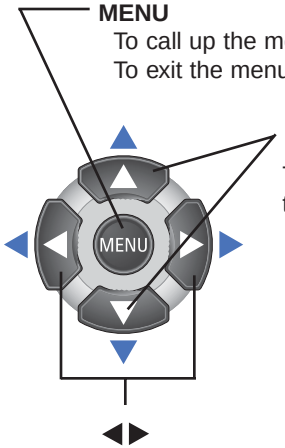
Menu Operation

The on-screen menu provides the viewer with easy access to adjustments and settings. Follow the on-screen instruction at the bottom of the screen.



◄►: Select ▼: Contents MENU : Exit

■ During the menu operation, the following buttons are used.



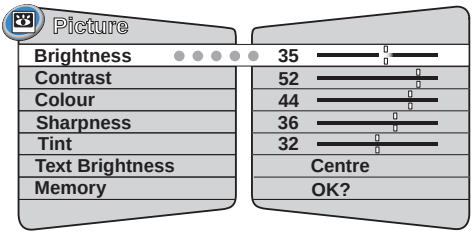
MENU
To call up the menu.
To exit the menu.

ENTER OK **OK button**
To store the settings.

Picture Adjustments

1 Press the **MENU** button, and select "Picture" menu with ◄ or ► .

2 Press ▼ to select a content.



3 Press ◄ or ► to adjust.

- **Tint :**
  Adjust colour tints. (Displayed only on NTSC signal reception.)
- **Text Brightness :**
  Brightness of teletext screen (Minimum, Centre, Maximum). You can not control the picture and the teletext brightness in the teletext mode. You must first switch back to the TV mode and then adjust the picture control or set the teletext brightness level.

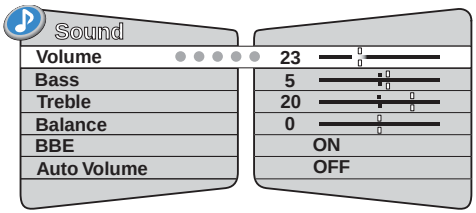
4 Once the adjustments have been completed, select "Memory" and press **OK** button to store the settings.
Press the **MENU** button to exit.

Note:
Your picture adjustment will be memorized to "Personal" of the Picture Mode automatically.

Sound Adjustments

1 Press the **MENU** button, and select "Sound" menu with ◄ or ► .

2 Press ▼ to select a content.



3 Press ◀ or ▶ to adjust.

- **Balance :**
  Left and Right speaker volume balance adjustment.
- **BBE** (ON/OFF)
  Enable to switch the BBE sound turn on and off. *BBE High Definition Sound restores clarity and presence for better speech intelligibility and musical realism.*
- **Auto Volume** (ON/OFF) **:**
  This function automatically equates the sound volume of each position. It is used to prevent the sharp volume change when you change the channel.

4 Press the **MENU** button to exit.
Sound settings will be automatically stored when you exit the menu.

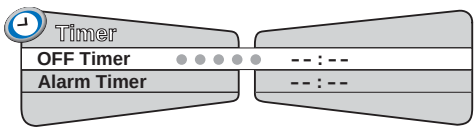
Timer Setting

■ Off timer setting

The Off timer will switch the TV set into the standby mode when the selected time has elapsed.

1 Press the **MENU** button, and select "Timer" menu with ◀ or ▶ .
(To display "TIMER" menu directly, press the **TIMER** button on the remote control.)

2 Select "OFF timer" with ▼ .



3 Press ◀ or ▶ to select "**--:--**" .

4 Press ▲ or ▼ to set OFF timer.

The time changes in **30 minutes** steps.
The maximum time is **2 hours**.

5 Press ◀ or ▶ to make row of OFF timer complete yellow.

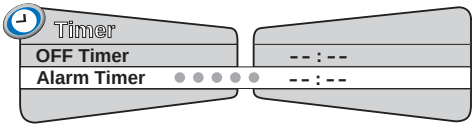
6 Press the **OK** button to store the setting.
Press the **MENU** button to exit, or press ▼ to set alarm timer.

When the TV set is turned off, Off Timer setting will be cancelled.

■ Alarm timer setting

The alarm will ring for about 15 seconds when you are watching the television and it reaches at the set-up time. It may remind you to do something. (This only happens when the TV is switched on.)

1 Select "Alarm timer" with ▼ in the Timer menu.



2 Press ◀ or ▶ to select "**--:--**" .

3 Press ▲ or ▼ to set Alarm timer.

The time changes in **5 minute** steps.
The maximum time period is **3 hours**.

4 Press ◀ or ▶ to make row of Alarm timer complete yellow.

5 Press the **OK button** to store the setting.
Press **MENU** button to exit.

When the time period is up, the time up sign will appear on the screen and the alarm will sound for about 15 seconds.

To stop the alarm sound and to erase alarm sign, press one of the buttons of the remote control or TV set.

When the TV set is turned off, Alarm timer will be cancelled.

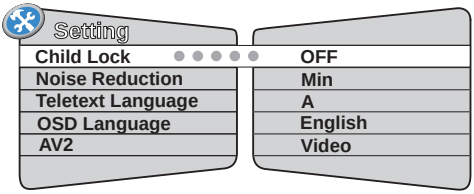
Menu Operation

Setting Menu

This setting menu gives you several options to adjust.

1 Press the **MENU** then ◀ or ▶ button to select “Setting” menu.

2 Press ▼ to select a content.



3 Press ◀ or ▶ to set each option.

- **Child Lock** (ON, OFF)**:**
  You can prevent that a small child operates television with the front control button of the TV set. When the power plug is pulled out, this function is cancelled.
- **Noise Reduction :**
  (Displayed only on TV mode.)
  You can choose noise reduction mode; OFF, Min, Med or Max.
- **Teletext Language :**
  You can choose your text language, select A or B.
  A=English, Arabic and Cyrillic.
  B=English, Persian and Cyrillic.
- **OSD Language :**
  This is useful if you wish to change the On-screen display language (English, Français , Dutch, Suomi, Deutsch, Hrvatski, Dansk, Greek, Magyar, Italiano, Polski, Português, Español, Svenska or Cesky).
- **Setting of AV2 input mode :**
  When you use a S-VHS VCR, you should connect it to AV2 and change the AV2 menu to “S-Video”.

4 Press the **MENU** button to exit.
These settings will be automatically stored when you exit the menu.

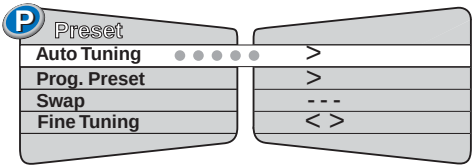
Preset Menu

Use Preset Menu to tune new channels, to re-order channels and their programme positions, and to make fine tuning.
Up to 255 broadcast stations can be stored.

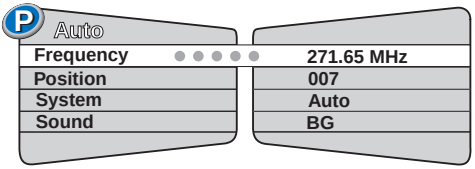
Auto Tuning

1 Press the **MENU** button, and select “Preset” menu with ◀ or ▶ .

2 Select “Auto Tuning” with ▼ .



3 Press ▶ to enter the Auto Tuning mode, and “Frequency” will be selected first.



4 Press ▶ to start tuning.
All the available stations are automatically stored, starting from position 1.
After completing this procedure, TV set returns to programme position “1”.

- **System** (Colour System):
  You can change the colour system with ◀ or ▶ . (Auto, PAL, SECAM, NTSC4.43 or NTSC.)
- **Sound** (Sound System):
  You can change the sound system with ◀ or ▶ . (BG, DK, I or M.)

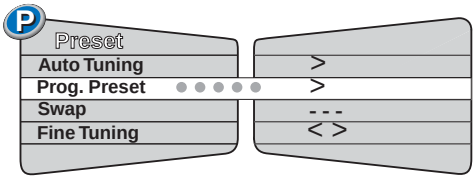
*Auto Tuning can be cancelled at any time by pressing the **MENU** button.*

5 Press the **MENU** button to exit.

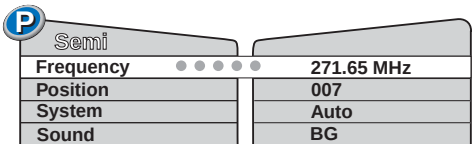
Semi-auto Tuning

This is used to preset a channel in any programme position.

1 Select “Prog. Preset” with ▼ in the Preset menu.



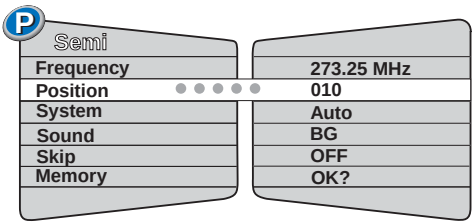
2 Press ▶ to enter the Semi-auto Tuning mode.



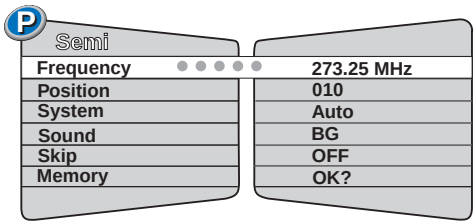
3 Select “Position” with ▼ .
To select desired programme position: Press the **Digit** (-/--) button and enter the position number (000-254) using **0-9** buttons.

or

Press ◀ ▶ to select programme position sequentially.



4 Select “Frequency” with ▲ .



5 **You can either...**

a) Press the **Digit** (**-/--**) button, and enter the frequency (5 digits) using **0-9** buttons referring channel table.

b) Press and release ◀ (toward the lower frequency) or ▶ (toward the higher frequency) to search a TV station. Once a station is found, tuning will stop automatically. Repeat until desired station is found.

- If the clear picture cannot be obtained, change the colour system with ◀ or ▶ .
- If the sound is not clear or no sound is produced, change the sound system with ◀ or ▶ .

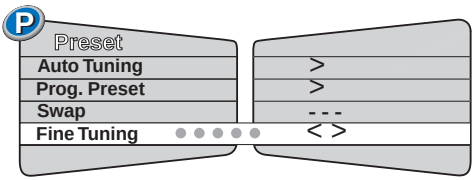
6 Select “Memory” with ▼ , and press the **OK** button to memorize.

Repeat steps 3-6 to store other channels in other programme positions.

7 Press the **MENU** button to exit.

Fine Tuning

1 Select “Fine Tuning” with ▼ in the Preset menu.



2 Press and hold ◀ or ▶ to fine tune a channel.

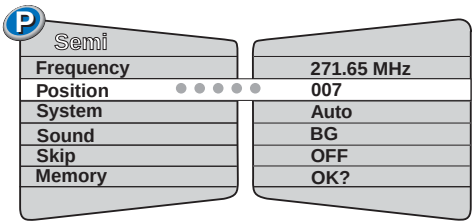
3 Press the **MENU** button to exit.
The tuning will be stored when you exit the menu.

Any changes made by fine tuning will remain even when the TV set is turned off.

Setting of the Skip Channels

If there are positions you do not use, by setting skip channel function, it is possible to jump over any position when you are selecting a channel using the **Programme Up/ Down** button.

1 Select “Position” in the Semi menu.

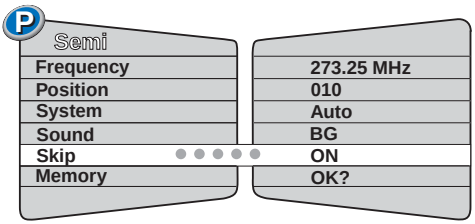


2 Select programme position you want to skip.
To select desired programme position: Press the **Digit** (-/--) button and enter the position number (000-254) using **0-9** buttons.

or

Press ◀ ▶ to select programme position sequentially.

3 Select “Skip” with ▼ , and set Skip “ON” with ◀ or ▶ .
(To cancel skip channel, set Skip “OFF”.)



4 Select “Memory” with ▼ , and press the **OK** button to memorize.

5 Press the **MENU** button to exit.

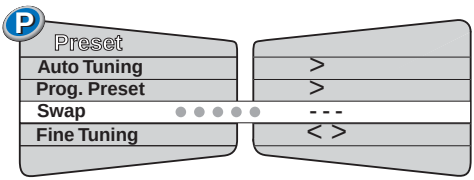
Channel Swapping

Use this feature to swap the channels between two stored programme positions. This feature is particularly useful after automatic tuning.

First of all, you have to select a programme position you wish to swap. eg. swap programme position **3** and **12**.

1 Select programme position eg. **3**.

2 Call up the Menu display, and select “Swap” of the Preset menu with ▼ .



3 Enter new programme position number eg. **12** by pressing **0**,**1** and **2** numeric buttons.

4 Press the **OK** button to memorize, and the programme number disappears.

The channels are now swapped.

5 Press the **MENU** button to exit.

Setting of the Hotel Mode

The Hotel Mode is a feature that might be needed by a hotel management to confine the TV that put in the hotel room, so it will not disturb other rooms.

Setting Procedure

1 Set the desired maximum sound volume by pressing the **Volume +** or **–** button.

2 Press and hold the **Recall/Colour System** button on the remote control and press the **Programme Up ▲** button on the TV set.

3 Select desired item with ▲ or ▼ , and set the option with ◀ or ▶ .

Prohibition	ON
Start-Position	**OFF**

- **Prohibition** (ON, OFF)**:**
  Current volume will be set as the maximum volume, and channel tuning is prohibited.

- **Start-Position :**
  Setting of the start up programme position when the TV is turned on.

  OFF: Last programme position start.
  P1: Programme position “1” start.
  P2: Programme position “2” start.
  P3: Programme position “3” start.
  P4: Programme position “4” start.
  P5: Programme position “5” start.
  P6: Programme position “6” start.
  P7: Programme position “7” start.
  P8: Programme position “8” start.
  AV1: “AV1” start.

4 Press the **Recall/Colour System** button to exit.

Teletext Operation

Reveal switch
To reveal hidden items on the text page e.g. a hidden answer to a quiz question.

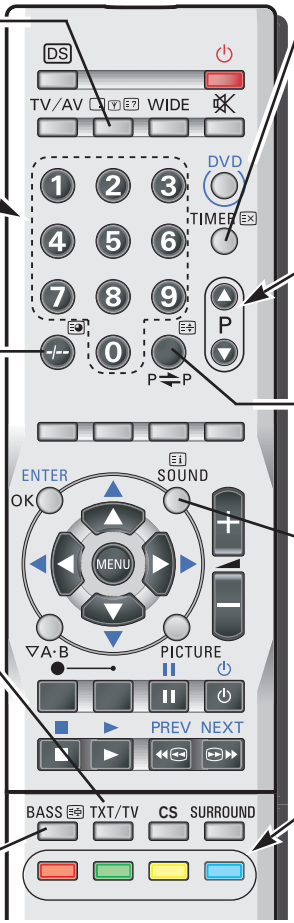
Direct access to a page
To select a page number directly using the (0-9) NUMERIC buttons. For example, to select page 301, press 3, then 0 and then 1.

Sub page access
Some text pages are made up of several sub pages which rotate automatically. If you wish to view page-4, press the **Sub Page** button, and "S----" will appear. Then enter "0004" using **NUMERIC** buttons.

Teletext / TV selector
To switch TV, TEXT and PAT (Picture and Teletext) mode.

(Picture and Teletext mode)

Hold
To stop sub pages from changing.



Cancel
To view the TV picture in the teletext mode while waiting for sub page to change or page to update. Press again to return to teletext mode. (Note: The page number will appear when the page is updated.)

Up/down page access
To select the next or previous page number.

Size switch
Either the top half or the bottom half of the page can be expanded.

Index page selector
To select one of the teletext index pages.

Direct access to subject headings
Coloured boxes are displayed at the bottom of the screen. The 4 coloured buttons give access to the corresponding subjects or pages.

Teletext language selection
You can select a teletext language. Please return to the TV mode. (See **Setting menu**.)

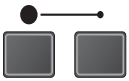
Teletext brightness level
You can change the teletext brightness level. Please return to the TV mode. (See **Picture Adjustments**.)

Sound volume control in teletext mode.
In teletext mode, sound volume and sound muting can be controlled. However they are not displayed on the screen

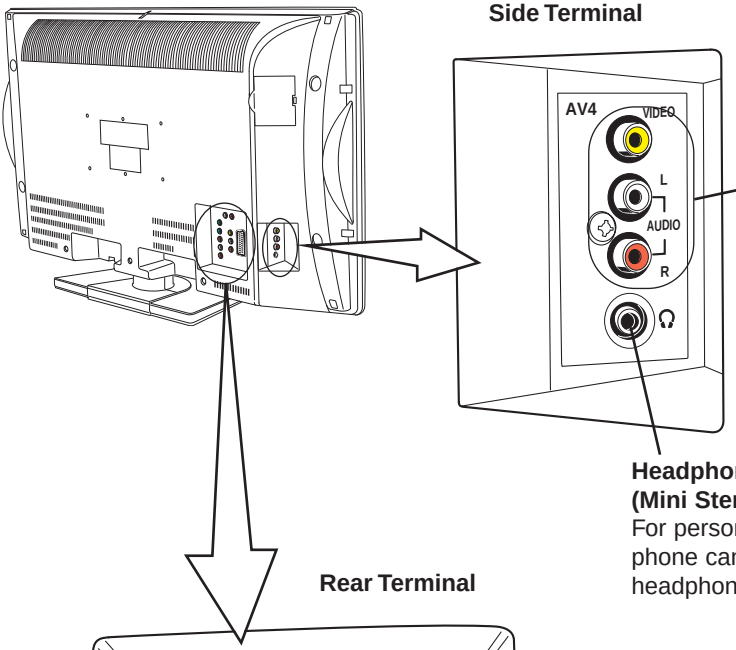
Teletext reception
If your aerial signal is poor, the teletext reception may be poor.

VCR and DVD Use

This remote control transmitter has been designed to be used in conjunction with selected SANYO VCR's and DVD players. Some SANYO VCR's and DVD players may have their own functions, so please refer to the individual instruction booklet when using this remote control to ensure compatibility. Some of the buttons are used for both the VCR and DVD player. The symbols indicated with blue are for the buttons to control the DVD player. When use the DVD player with this remote control, first **press and hold** the DVD button and then press your desired control button each time.

	VCR	DVD
	Not used	DVD command mode selection
	Power	Power
	Play	Play
	pause	Pause
	Stop	Stop
	Fast/Cue	Next chapter selection
	Rewind/Review	Previous chapter selection
	Record, press both buttons at the same time	Not used
	Not used	Enter
	Not used	Cursor selection

AV Terminals



Connecting Other Equipment

You can connect a VCR, S-VHS VCR, Satellite Tuner, PAY TV Decoder, DVD or Camcoder to this TV via the AV terminals and the SCART terminal.

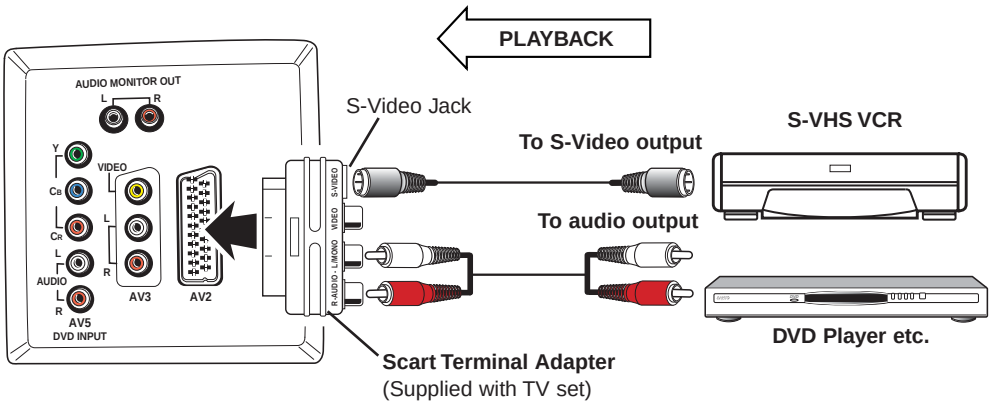
- Depending on the type of video tape or connected AV equipment being used, it may be necessary to select colour system. In this case, press the **Recall/Colour System** button and select a suitable colour system. Colour system setting for AV position is automatically stored in the memory.

- By pressing the **Stereo/Mono** button repeatedly, you can select the sound track L (left), R (right) or L/R.

- You can select and return to a TV programme by selecting any of the TV position while watching a playback from a VCR, DVD, etc.

S-Video Connection through Scart Terminal Adaptor

When you use a S-VHS VCR not provided with the 21-pins scart terminal, connect it with the AV2 terminal using **Scart Terminal Adaptor**, and set AV2 status on “S-Video” (Refer to the Setting Menu on page 16).



- Select “AV2” mode by pressing the **TV/AV Selector** for watching.

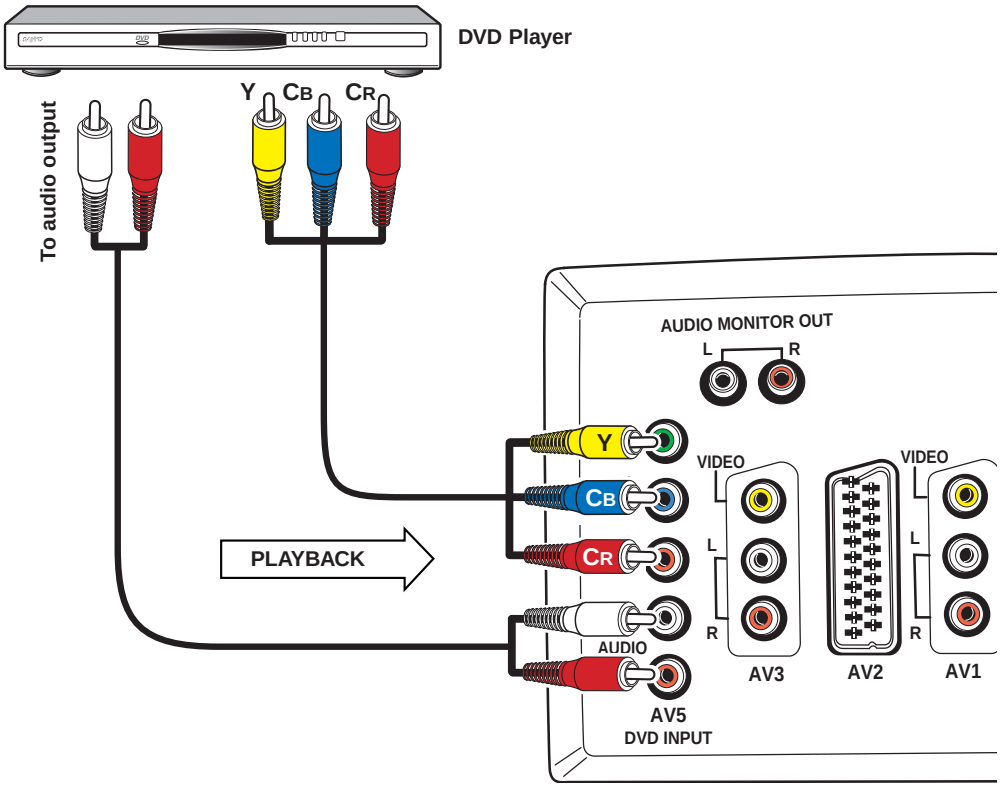
Important Note:
Do not input to both S-Video and RCA video input jack of the Scart Terminal Adaptor at the same time to avoid signal mix and distorted picture.

Connecting Other Equipment

Connecting to the Rear AV5 Input Jacks

DVD Player Connection

If your DVD player has the component video output jacks, connect the TV to these jacks instead of the video input or S-VIDEO input jacks. You can enjoy high quality picture playback.



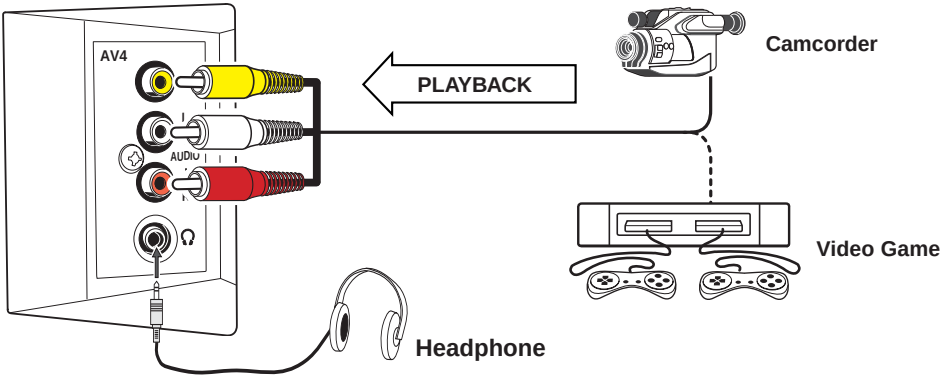
- Take care to ensure that the component video terminals (Y, C_B and C_R) are wired correctly.
- Video input to the component video terminals (Y, C_B and C_R) is not output on the video monitor output pin of the scart terminal.

■ Select “AV5” mode by pressing the **TV/AV Selector** for watching.

Connecting Other Equipment

Connecting to the Side AV4 Input Jacks

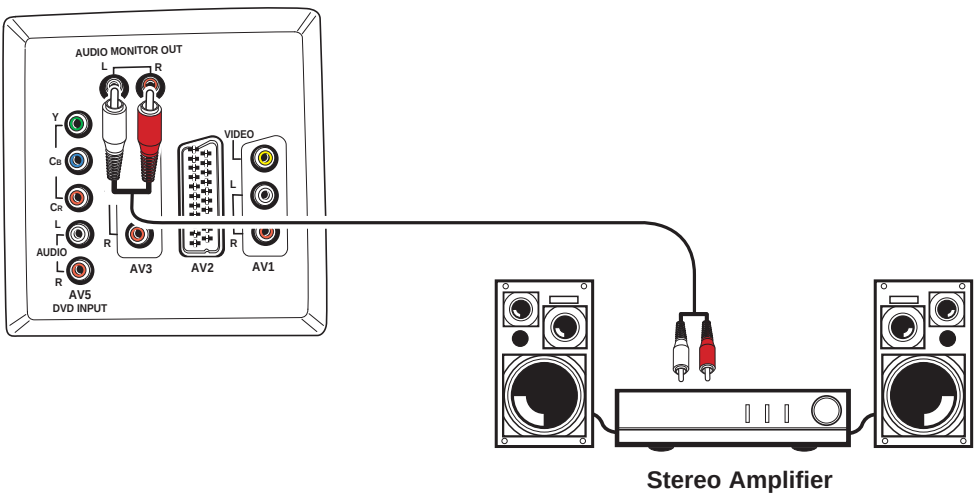
It is convenient to use the AV4 input jack on the side panel for equipment that is often connected and disconnected.



■ Select “AV4” mode by pressing the **TV/AV Selector** for watching.

Connecting a Stereo Amplifier to Audio Monitor Output Jacks

Connect Audio Monitor Out terminals (R/L) to the Stereo Amplifier Input (R/L).
The audio signal being output from the TV speaker is output through the Audio Monitor Output jacks.



● Do not connect external speakers directly to the TV.

■ Helpful hints

■ NO PICTURE, NO SOUND
- ● Check if TV is plugged in.
- ● Try a different channel, if OK, probably station trouble.

■ POOR PICTURE, SOUND OK
- ● Adjust BRIGHTNESS control.
- ● Adjust FINE TUNING control.
- ● Check aerial connections

■ NO COLOUR, PICTURE OK
- ● Adjust COLOUR control.
- ● Adjust FINE TUNING control.
- ● Is the programme in colour ?

■ WEAK PICTURE
- ● Check aerial connections on back of set.
- ● Check aerial for broken wires.
- ● Re-orient aerial.

■ The following faults are not caused by the receiver:

"GHOSTS"
Reflections of signals from mountains or high buildings will cause multiple images, called "Ghosts". These abnormal conditions can be reduced to minimum by repositioning aerial or by installing a new one suited for your area.

"INTERFERENCE"
Interference may be caused by electrical appliances, car ignition systems, etc. This should normally be a temporary condition, but should this interference persist, contact your dealer.

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Specifications

Power Source AC100-264 Volts, 50Hz/60Hz

Colour System PAL/SECAM/NTSC4.43/NTSC3.58/PAL-60Hz

Sound System B/G, D/K, I, M/M

Channel Coverage VHF: E2-E12, A2-A13,R1-R12,J1-J12,K1-K9
UHF: 21-69,A14-A69,J13-J62
CATV: S1–S41, X, Y, Z, Z+1, Z+2

Aerial Input Impedance 75 Ω

LCD Panel (Model LCD-27XA2)
Screen Size (Measured Diagonally)**:** 27 inches
Picture Resolution: WXGA 1280 (Horiz.) x 720 (Vert.) pixels
Viewing Angles: Horiz. 176˚, Vert. 176˚
Contrast Ratio: 900:1
Brightness: 550 cd/m^2

LCD Panel (Model LCD-32XA2)
Screen Size (Measured Diagonally)**:** 32 inches
Picture Resolution: WXGA 1366 (Horiz.) x 768 (Vert.) pixels
Viewing Angles: Horiz. 176˚, Vert. 176˚
Contrast Ratio: 1000:1
Brightness: 550 cd/m^2

Audio Output (RMS) 10W + 10W

Speaker 6 cm x 12 cm x 2 pcs.

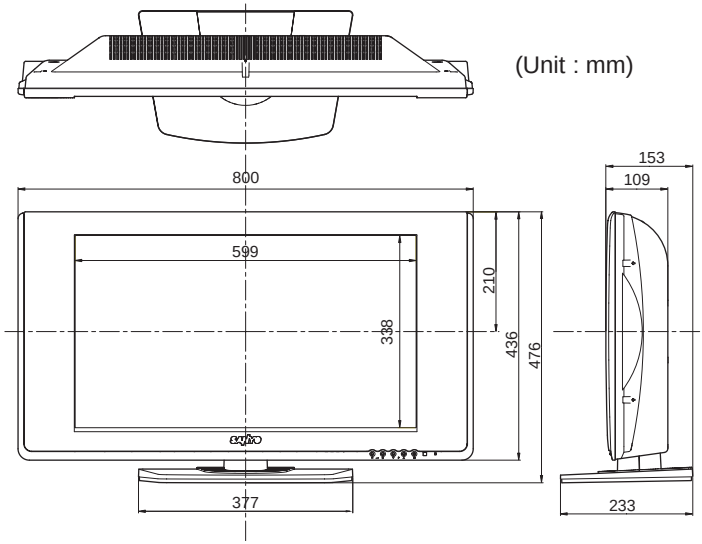
AV Terminals
AV1 Video**:** Composite video (RCA Jack) x 1
Audio**:** L/R Stereo Input (RCA Jack) x 1 set
AV2 CENELEC Standard (Scart Terminal)
Input: Composite video, RGB, S-video and audio-L/R
Output: Monitor-output with composite video and audio-L/R
AV3 Video**:** Composite video (RCA Jack) x 1
Audio**:** L/R Stereo Input (RCA Jack) x 1 set
AV4 Video**:** Composite video (RCA Jack) x 1
Audio**:** L/R Stereo Input (RCA Jack) x 1 set
AV5 Video**:** Component Y, C_B,C_R Input (RCA Jack) x 1 set
Audio**:** L/R Stereo Input (RCA Jack) x 1 set
Audio Monitor Output: L/R Stereo Output (RCA Jack) x 1 set
Headphone Jack: Mini Stereo Jack x 1

Net weight Model LCD-27XA2: Approx. 14.1 Kg (Included Swivel Stand)
Model LCD-32XA2: Approx. 17.5 Kg (Included Swivel Stand)

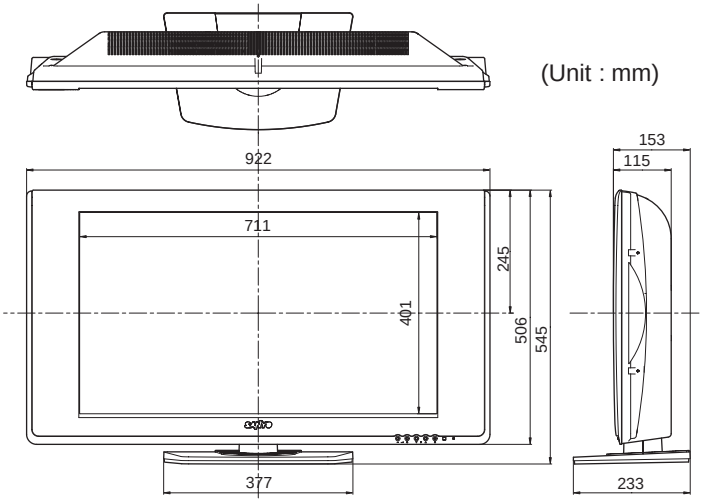
Specifications

Dimensions

Model LCD-27XA2



Model LCD-32XA2



Specification subject to change without notice

Part No. 1AA6P1P4901– – N2WW (UE2-A)

SANYO ELECTRIC Co., Ltd.